

APR 06 2005

**FAX TRANSMITTAL COVER SHEET**

**CONLEY ROSE, P.C.**  
**600 Travis, Suite 7100**  
**Houston, Texas 77002**  
Fax Number: (713) 238-8008  
Telephone Number: (713) 238-8000

ORIGINAL WILL FOLLOW VIA:

- |                                     |                       |
|-------------------------------------|-----------------------|
| <input type="checkbox"/>            | MAIL                  |
| <input type="checkbox"/>            | INTERNATIONAL AIRMAIL |
| <input type="checkbox"/>            | COURIER               |
| <input checked="" type="checkbox"/> | WILL NOT FOLLOW       |
| <input type="checkbox"/>            | HAND DELIVERY         |
| <input type="checkbox"/>            | WITH ENCLOSURE(S)     |
| <input type="checkbox"/>            | WITHOUT ENCLOSURE(S)  |

**PLEASE DELIVER THE FOLLOWING PAGES IMMEDIATELY TO:**

**NAME: MAIL STOP AMENDMENT**  
**EXAMINER DANIEL H. PAN, GROUP ART UNIT 2183**

**FIRM: U.S. PATENT & TRADEMARK OFFICE**

**CITY: ALEXANDRIA, VA**

**FAX NO: (703) 872-9306**

**REMARKS: Serial No. 09/740,419, filed 12/19/2000.**  
**Attached hereto is a Response to Office Action dated January 6, 2005, for**  
**filing with the U.S. Patent and Trademark Office. Please acknowledge**  
**receipt of this facsimile.**

**Total Number of Pages (Including This One): TEN (10)**

**FROM: Jonathan M. Harris, Direct Dial No. 713/238-8045**

**DATE: April 6, 2005**

**CLIENT/MATTER NO. 200301762-1 (1662-25000)**

**IF YOU DO NOT RECEIVE ALL THE PAGES,**  
**PLEASE CALL BACK AS SOON AS POSSIBLE.**

*This facsimile, and the information it contains, is intended to be a confidential communication only to the person or entity to whom it is addressed. If you have received this facsimile in error, please notify us by telephone at the above telephone number and return the original to this office by mail.*

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400



PATENT APPLICATION

ATTORNEY DOCKET NO. 200301762-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Andre C. SEZNEC et al.

Confirmation No.: 9553

Application No.: 09/740,419

Examiner: Daniel H. Pan

Filing Date: 12/19/2000

Group Art Unit: 2183

Title: CONFLICT FREE PARALLEL READ ACCESS TO A BANK INTERLEAVED BRANCH  
PREDICTOR IN A PROCESSOR

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
(X) No additional fee  
( ) Other: (fee \$ )

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	23	MINUS	23	= 0	X \$50	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X \$200	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	1ST MONTH \$120.00	2ND MONTH \$450.00	3RD MONTH \$1020.00	4TH MONTH \$1590.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

(X) I hereby certify that this paper is being transmitted  
to the Patent and Trademark Office facsimile  
number (703) 872-9306 on 04/06/2005  
Number of pages: 9

Typed Name: Colleen F. Brown

Signature:

Andre C. SEZNEC et al.

By:

Jonathan M. Harris

Attorney/Agent for Applicant(s)

Reg. No. 44,144

Date: 04/06/2005

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

**COPY**  
IN THE

PATENT APPLICATION

ATTORNEY DOCKET NO. 200301762-1

## UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Andre C. SEZNEC et al.

Confirmation No.: 9553

Application No.: 09/740,419

Examiner: Daniel H. Pan

Filing Date: 12/19/2000

Group Art Unit: 2183

Title: CONFLICT FREE PARALLEL READ ACCESS TO A BANK INTERLEAVED BRANCH  
PREDICTOR IN A PROCESSOR

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
(X) No additional fee  
( ) Other: \_\_\_\_\_ (fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	23	MINUS	23	= 0	X \$50	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X \$200	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	1ST MONTH \$120.00	2ND MONTH \$450.00	3RD MONTH \$1020.00	4TH MONTH \$1590.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Andre C. SEZNEC et al.

By

Jonathan M. Harris

Attorney/Agent for Applicant(s)

Reg. No. 44,144

Date: 04/06/2005

(X) I hereby certify that this paper is being transmitted  
to the Patent and Trademark Office facsimile  
number (703) 872-9306 on 04/06/2005  
Number of pages: 9

Typed Name: Colleen F. Brown

Signature: 

Telephone No.: (713) 238-8000

RECEIVED  
CENTRAL FAX CENTER  
APR 06 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Andre C. SEZNEC et al.	§	Confirmation No.:	9553
		§		
Serial No.:	09/740,419	§	Group Art Unit:	2183
		§		
Filed:	12/19/2000	§	Examiner:	Daniel H. Pan
		§		
For:	Conflict Free Parallel	§	Docket No.:	200301762-1
	Read Access To A Bank	§		
	Interleaved Branch	§		
	Predictor In A Processor	§		

**RESPONSE TO OFFICE ACTION DATED JANUARY 6, 2005**

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Date: April 6, 2005

Sir:

In response to the Office action of January 6, 2005, please consider the following remarks.

**The Pending Claims** are reflected in the Listing of Claims which begins on page 2 of this paper. In this Response, no amendments have been made to the claims.

**Remarks/Arguments** begin on page 6 of this paper.